

Level 1 Validation Certificate



This document verifies that the Level 1 Validation process was completed. The session details and audit review outcomes are included here.

This certificate is required for submission – alongside the Level 1 validated water audit software file – to the California Department of Water Resources.

Call Date: 8/26/2021

Water Supplier

Supplier Name:
City of Riverside

Supplier Participants:
Gisela Lopez, Gregg Tobler, Leonardo Ferrando, Nigora (Nikki) Tuyunbaeva,
Farid Boushaki, Michael Plinski, Lydia Porras, Jolie Matta

Key Audit Metrics

Data Validity Score:	87	
ILI:	4.04	
Real Loss:	79.12	gal / conn / day
Apparent Loss:	9.31	gal / conn / day
Non-Revenue Water as Percent of Cost of Operating System:	3.1%	

Validator

Validator: Kris Williams,
Water Systems Optimization

Validator Qualifications: Water Audit Validator Certificate from
the AWWA California Nevada Section

Certification Statement by Validator

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

Level 1 Validation – Water Supplier Confirmation

This document confirms participation in and endorsement of the Level 1 Validation as completed.

This acknowledgement is required for submission – alongside your Level 1 validated water audit software file – to the California Department of Water Resources.

Water Supplier Name: City of Riverside – Public Utilities

Water Supplier Public Water System ID: CA3310031

Water Audit Period: Calendar Year 2020

Water Audit & Water Loss Improvement Steps

Steps taken in the audit period timeframe to increase data source accuracy, reduce real losses, and/or reduce apparent losses, as informed by the water audit.

1. Performed biannual electronic testing and calibration on key production meter for “Volume from Own Sources” and all meters for “Water Exported” input.
2. Provided a detailed method for estimating “Unbilled Unmetered” water.
3. Provided documentation supporting rate structure reviewed by third-party consultant knowledgeable in M36 methodology.

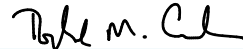
Certification Statement by Water Supplier Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audits and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Executive Name (print): Todd Corbin

Executive Position: General Manager

Signature:


Todd Corbin (Aug 31, 2021 07:56 PDT)

Date: 8/30/2021





Riverside - Validation Certificate CY2020

Final Audit Report

2021-08-31

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"Riverside - Validation Certificate CY2020" History

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